



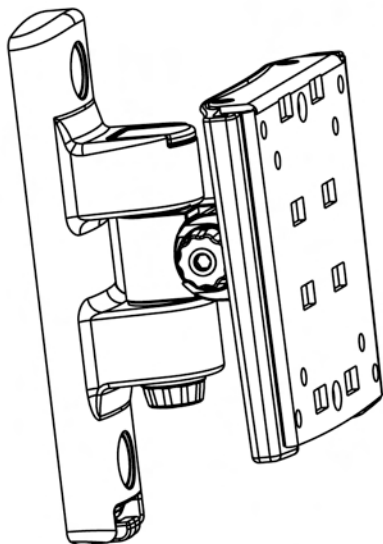
*Quite possibly the world's  
easiest mounts to install!®*

# **Installation Guide for TV Wall Mounting Kit**

FOR  
**DUMMIES®**

*For 8240 Mounting Bracket*

*A step-by-step guide for  
mounting your flat panel  
TV safely and easily!*



**English**

**Français**

**Español**

## ***Introduction***

Congratulations on your decision to mount your TV with a TV Wall Mounting Kit For Dummies. The enclosed mounting bracket was engineered and designed by Bell'O International Corporation using the latest computer-aided design and stress-analysis software to ensure safety and durability when installed according to the instructions. It has been further tested and Listed by Underwriters Laboratories.

## ***About This Manual***

Mounting your TV on the wall can seem like an overwhelming task. This handy For Dummies® guide takes you through the process step-by-step to ensure the proper installation of your mount. Before starting this project, be sure to read the entire instruction manual and watch the included installation DVD for a complete demonstration. If at any time you are unclear about the directions and believe you need further assistance, contact the Bell'O® installation experts at 888-779-7781 from 9am – 5pm EST.

## ***Icons Used in This Book***



Don't be alarmed by the bomb in the icon. We just want to get your attention because making an error could be costly.



This is not really very technical stuff, just some details you need to really pay attention to.

## ***Foolish Assumptions***

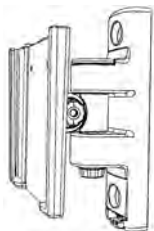
Although our easy-to-install mounts and instructions simplify the process, mounting your TV still requires great care. We assume you're someone who, at minimum, has done odd jobs around the house and has some basic tools. You don't need to be a master carpenter or electrician to install this mount. With that said, if at any time you feel that you are uncertain or uncomfortable with doing the installation yourself, don't hesitate to call on a handyman or professional contractor/installer.

## ***Precautions!***

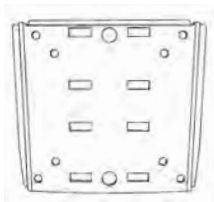
- This mounting bracket was designed to be installed and utilized **ONLY** as specified in this manual. Bell'O International Corporation will not be responsible for failure to assemble as directed or for the improper assembly, use, or handling of this product.
- Improper installation of this product may cause damage or serious injury. Bell'O International Corporation cannot be liable for direct or indirect damage or injury caused by incorrect mounting, incorrect use, or incorrect assembly.
- If the mounting bracket will be attached to any structure other than those specified in this manual, only a licensed professional contractor/installer should perform this installation. The supporting structure must support, at minimum, four times the combined weight of the mounting bracket and TV. It is the responsibility and liability of the installer to ensure the suitability of the supporting structure.
- This product should NEVER be mounted to metal framing studs.
- Check carefully to ensure that there are no missing or damaged parts. Never use defective parts. If any parts are damaged or missing, call Bell'O International Corporation at 888-779-7781 and parts will be shipped directly to purchaser. Please contact Bell'O International Corp. before attempting to return products to the point of purchase.
- Specifications are subject to change without notice.
- The maximum weight of your television cannot exceed the maximum weight rating of your mount or any attached Bell'O® UL listed adapters sold separately, whichever is lower.

***NEVER exceed the maximum load capacity of 80 lbs (36 kg)***

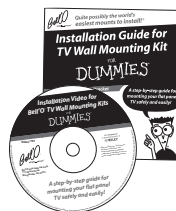
## Parts Included in This Kit



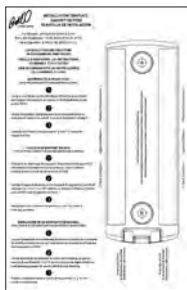
(MH) Monitor Plate  
Holder, Quantity: 1



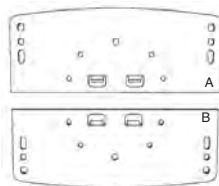
(MP) Monitor Plate  
Quantity: 1



(IG) Installation Guide  
& DVD, Quantity: 1 each



(IT) Installation  
Template, Quantity: 1



(AP) 8190 Adapter Plates,  
Quantity: 1A, 1B



(AG) M5 x 6mm  
Adapter Screw,  
Quantity: 4



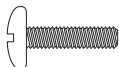
(SS) M4 x 8mm  
Security Screw, Quantity: 2



(Z) Plastic Finishing Caps,  
Quantity: 2



(F) M4/M5 Washer,  
Quantity: 10



(A) M4 x 12mm TV  
Mounting Screw, Quantity: 6

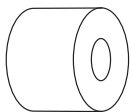


(B) M4 x 22mm TV  
Mounting Screw, Quantity: 6

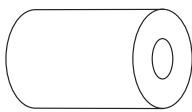


(C) M4 x 30mm TV  
Mounting Screw, Quantity: 6

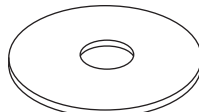
## Parts Included in This Kit (continued)



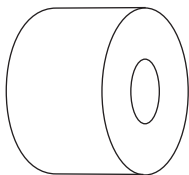
(D) M4/M5 Short  
Spacer, Quantity: 6



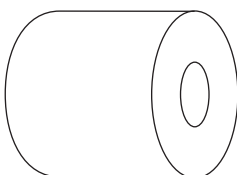
(E) M4/M5 Long  
Spacer, Quantity: 6



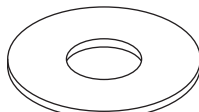
(R) M4/M5 Washer,  
Quantity: 4



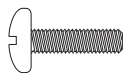
(Q) M6/M8 Short  
Spacer, Quantity: 4



(P) M6/M8 Long  
Spacer, Quantity: 4



(S) M6/M8 Washer,  
Quantity: 4



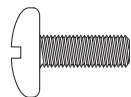
(G) M5 x 12mm TV  
Mounting Screw, Quantity: 6



(H) M5 x 22mm TV  
Mounting Screw, Quantity: 6



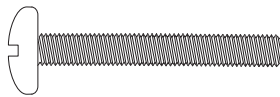
(I) M5 x 30mm TV  
Mounting Screw, Quantity: 6



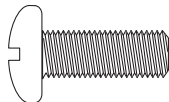
(J) M6 x 14mm TV  
Mounting Screw, Quantity: 4



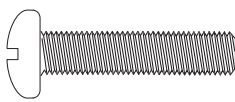
(K) M6 x 25mm TV  
Mounting Screw, Quantity: 4



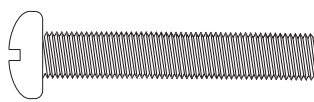
(L) M6 x 35mm TV  
Mounting Screw, Quantity: 4



(M) M8 x 20mm TV  
Mounting Screw, Quantity: 4

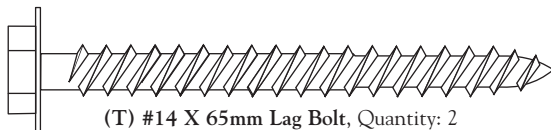


(N) M8 x 30mm TV  
Mounting Screw, Quantity: 4

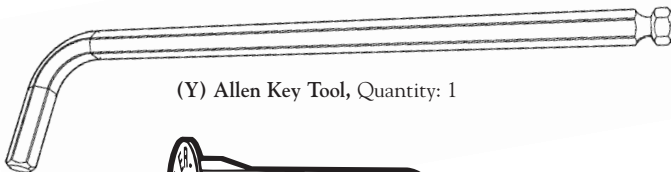


(O) M8 x 40mm TV  
Mounting Screw, Quantity: 4

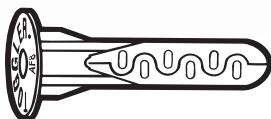
## Parts Included in This Kit (continued)



(T) #14 X 65mm Lag Bolt, Quantity: 2



(Y) Allen Key Tool, Quantity: 1



(U) TOGGLER® brand AF8 ALLIGATOR® Anchor, Quantity: 2

TOGGLER® brand ALLIGATOR® SOLID-WALL ANCHORS are patented under one or more of US Patent numbers 5,161,296 and 5,938,385; and foreign counterparts thereof and of 4,752,170. Other patents pending. TOGGLER and ALLIGATOR are worldwide registered trademarks of Mechanical Plastics Corp.

## Tools You Will Need



Phillips-head  
Screwdriver



Stud Finder



Drill

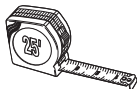


Drill Bit

For wood 5/32" (4mm)  
For masonry 5/16" (8mm)



Pencil



Tape Measure



Masking Tape



Level

## Getting ready to hang the TV

The Monitor Plate (MP) was shipped pre-installed to the Monitor Plate Holder (MH). Before you begin, remove the two Security Screws (SS) as shown in Figure 1 and separate the two components. *Do not throw out the security screws* because you will need them later in the installation process.

Select the location where you want to mount the TV. Clear the area of all furniture and electronics. You will need some elbow room to mount the TV. You also want to make sure that your electronic devices are unplugged, covered, and out of way because you are about to start drilling holes, and that is likely to make dust. You will also need to leave space that you can use to mount the Monitor Plate (MP) onto the TV.

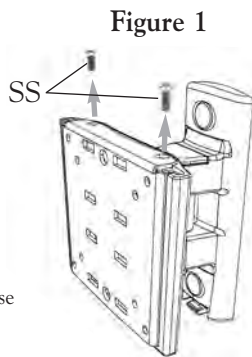


Figure 1



Your TV may have come with a stand installed. If it did, it is okay to leave it on for now as long as it does not interfere with the monitor plate installation. If not, you need to determine the best way to hold or rest your TV safely so you can attach the monitor plate. Placing the TV face-down can damage the fragile screen or decorative frame. You may want to get a friend to assist you in holding the TV. If you are uncertain of the safest way to do this, call the TV manufacturer for advice.

## Step 1: Attaching the Monitor Plate

Your TV owner's manual generally explains where the mounting location is on the TV. There are several typical mounting configurations for this size bracket. The mounting hole distances are measured in millimeters per the VESA (Video Electronics Standards Association) specifications. Table 1 lists the inch and millimeter equivalents just in case you have to measure them.

Use a tape measure to check the distances between the horizontal and vertical mounting holes. If your mounting hole configuration is a Standard for this mount, as listed in Table 1, you're ready for the next step. If your hole configuration requires the included For Dummies 8190 Adapter (AP), please refer to the instructions on page 9 for connecting the adapter to the monitor plate. For other UL Listed adapters that may be used with this mount (sold separately), please visit [www.BellO.com](http://www.BellO.com).

Table 1: Standard Monitor Mounting Configurations

	Width (mm)	Height (mm)	Width (inch)	Height (inch)	Screw Size
Standard	75	75	3.0	3.0	4mm
Standard	100	100	3.9	3.9	4mm
with Adapter 8190 (AP)	200	100	7.9	3.9	6mm
with Adapter 8190 (AP)	200	150	7.9	5.9	6mm
with Adapter 8190 (AP)	200	200	7.9	7.9	6mm or 8mm

## Who is VESA?

The Video Electronics Standards Association is an international nonprofit organization representing hardware, software, PC, display, and component manufacturers, cable and telephone companies, and service providers. VESA supports and sets industry-wide interface standards for the PC, workstation, and computing environments.

## Choosing which screws to use

You're probably wondering why so many screws came with this mount. The screw sizes follow the standards set up by VESA for each mounting configuration. Before beginning, you may need to test several of the screws in your hardware kit to find the correct size.

*If you will be utilizing the 8190 Adapter Plates (AP) for larger mounting configurations, see page 9 before proceeding.*

Most monitors have the mounting holes flush with the back of the monitor. If yours is like this, attach the monitor plate using the correct TV Mounting Screws as shown in Figure 2. Make sure that the appropriate Washers (F, R or S) are placed *between* the screw and the Monitor Plate (MP). *Don't place the washers between the monitor plate and the TV.*



Don't use screws that are too long because they will not fully seat in the holes and can permanently damage the TV or mounting holes and cause the monitor to come loose.

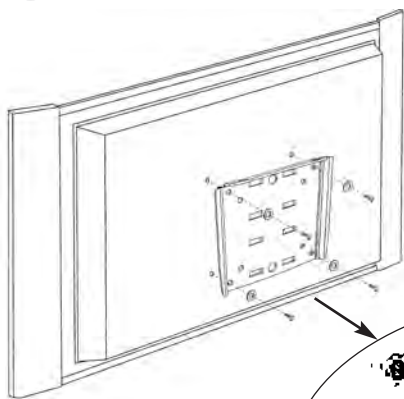
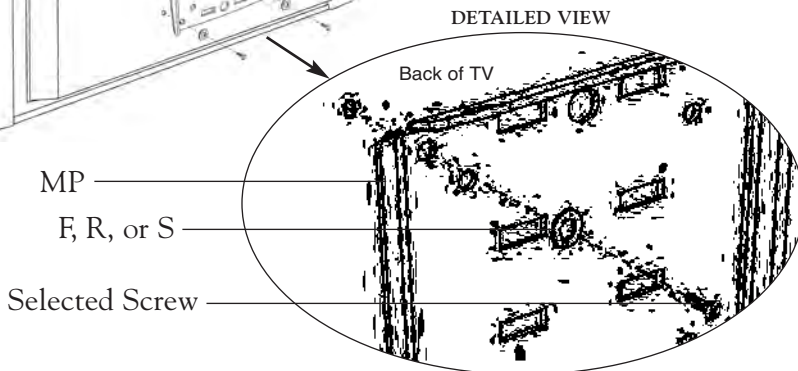


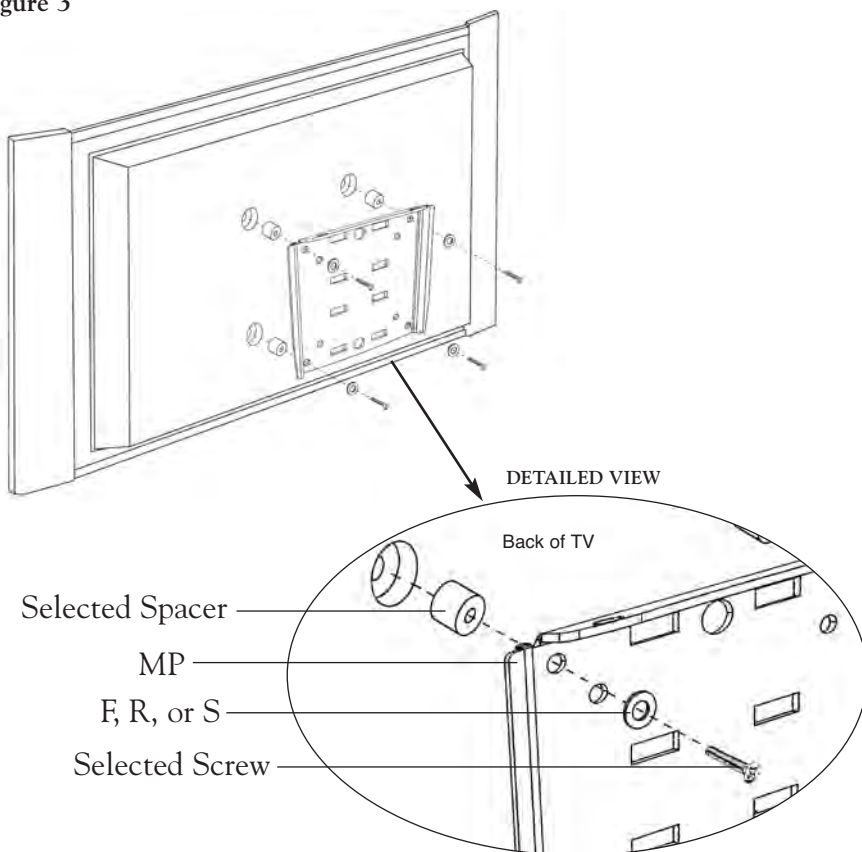
Figure 2





Use spacers in situations when the arms do not fit firmly against the back of the television, such as when the back of the television is curved, contains larger recessed mounting holes, or some other obstruction is in the way. If your TV requires use of a spacer, the spacer you select must stick out past the back of the TV to ensure proper mounting. You *don't* want the spacer to be loose. The Monitor Plate (MP) needs to rest securely on the spacers.

**Figure 3**

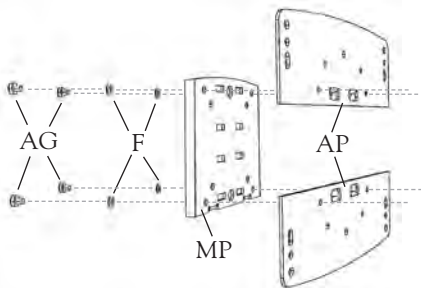


## Using the 8190 Adapter Plates

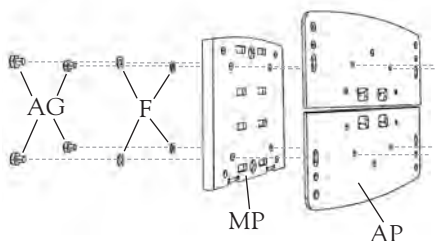
Some TVs have larger mounting configurations (200 x 200, 200 x 150, or 200 x 100), and the Monitor Plate (MP) alone cannot reach these holes. If this is the case for your TV, you need to use the included Adapter Plates (AP).

Figure 4

For 200x200 & 200x150 mounting configurations:

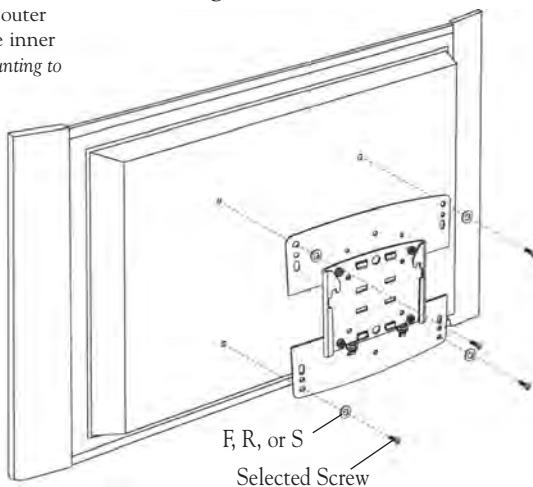


For 200x100 mounting configuration:



Attach the Adapter Plates (AP) to the Monitor Plate (MP) using four small M5 Washers (F) and four M5 x 6mm Screws (AG) as shown in Figure 4. For TVs that have a larger mounting configuration, insert the screws into the outer holes. For smaller configurations, use the inner holes. [See previous pages and Fig. 5 for mounting to the TV].

Figure 5

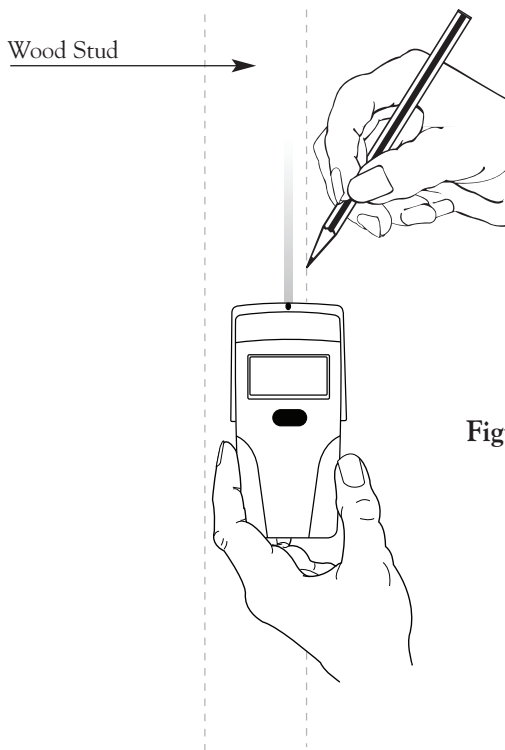


The 200x100 configuration typically uses six TV mounting screws for this type of installation. All other configurations typically use four TV mounting screws.

## ***Step 2: Securing the Monitor Plate Holder***

### ***Finding a wood stud to mount to***

Using a stud finder, determine the exact location of the stud to which you want to attach the wall mount. Using an electronic stud finder works best because it gives you an indication of where the right and left sides of the stud are. After you determine the stud location, mark the right and left side of the stud as shown in Figure 6. These markings help you determine the center location of the stud for proper drilling. Line up the Installation Template (IT) with your pencil markings and tape it into place.

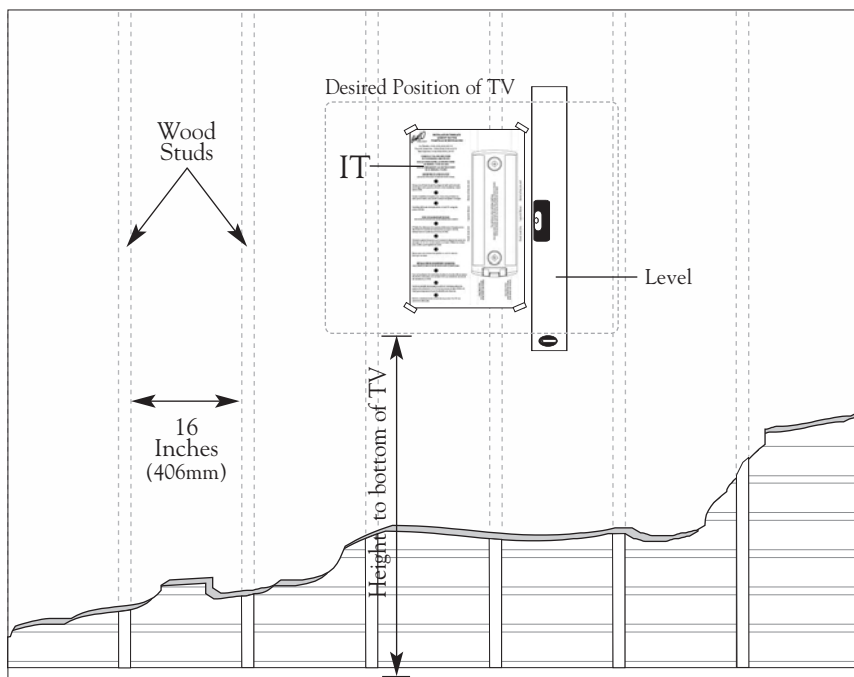


**Figure 6**

## Determining the location of the TV

After the Monitor Plate (MP) has been mounted to the TV, you can now measure the distance from the bracket holes to the top and bottom of the TV to help determine the desired height of the TV on your wall. The reason that you need to take these measurements is because many monitors do not have the mounting location centered on the back of the monitor. To determine the exact height you want to mount the brackets, use the convenient Installation Template (IT) rather than holding the TV in place while you do all this measuring. Always make sure to use a level when placing the template. Measure from the floor up as shown in Figure 7, and using a pencil, make small marks on the wall to help you determine the desired TV height.

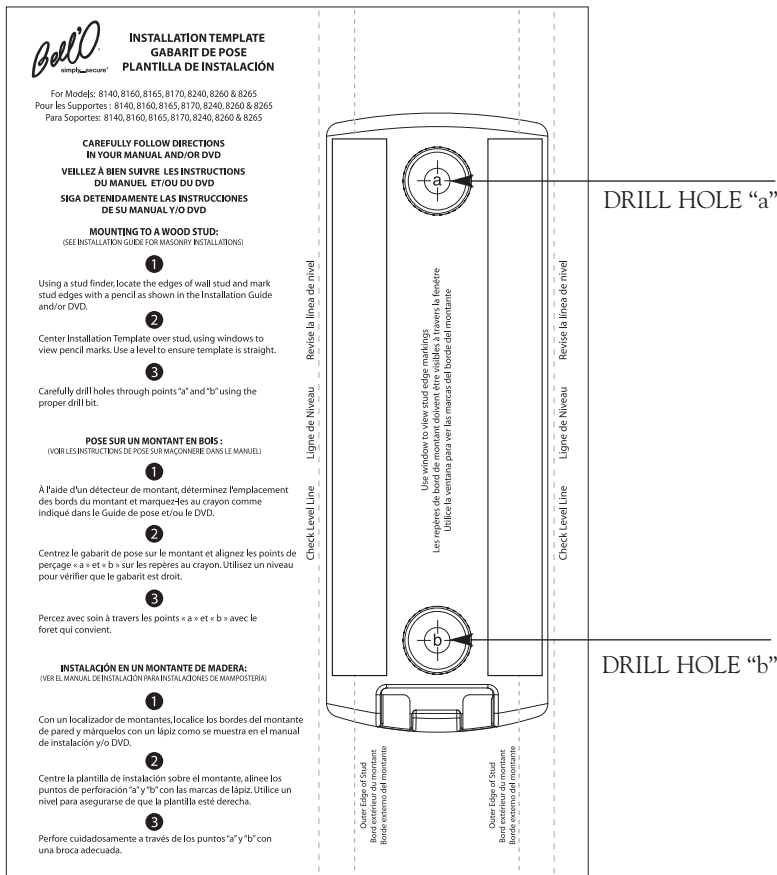
Figure 7



## Using the Installation Template

The Installation Template (IT) included in this kit helps you select the correct positions for drilling the holes for the TV mounting. Figure 8 shows what the holes on the template represent.

Figure 8



You must be careful to accurately drill the holes or else the screws may not line up with the holes in your Monitor Plate Holder (MH).

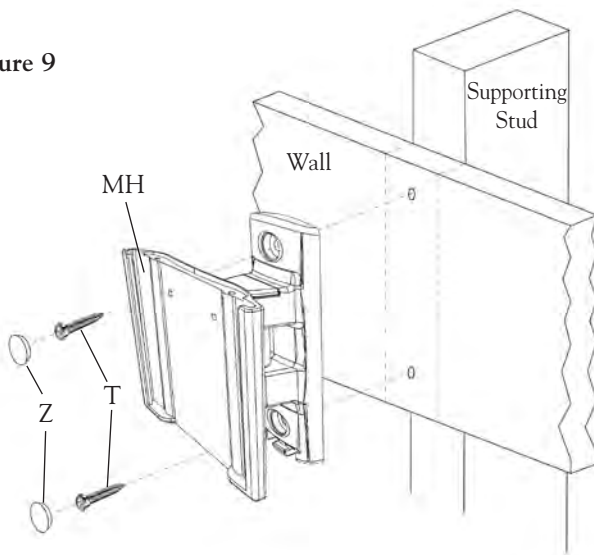
## ***When mounting to a wood stud***

Line up the Installation Template (IT) with the stud markings to ensure the proper location for your drill holes. After you have the position selected, tape the template in place securely on the wall with masking tape so that you don't damage the wall surface. Use a level to double check that the screw holes will line up vertically as shown in Figure 9. Drill two holes 2.5" (64mm) deep using a 5/32" (or 4mm) size drill bit in the "a" and "b" locations noted on the installation template.

When you have prepared the holes for mounting the Monitor Plate Holder (MH), place the monitor plate holder over the holes and screw the Lag Bolts (T) in. Leave some "wiggle" room so you can make any fine adjustments, if necessary. After making sure the monitor plate holder is level, tighten all of the lag bolts completely.

Next insert the plastic Finishing Caps (Z) into the holes in the Monitor Plate Holder (MH) to cover up the Lag Bolts (T).

**Figure 9**



Tighten mounting screws so that the Monitor Plate Holder (MH) is firmly attached to the wall, but don't over-tighten! The mounting screws and/or the supporting surface can become damaged, which greatly reduces their holding ability. Final tightening of the mounting screws should always be done by hand, with a Phillips-head screwdriver or ratchet wrench.

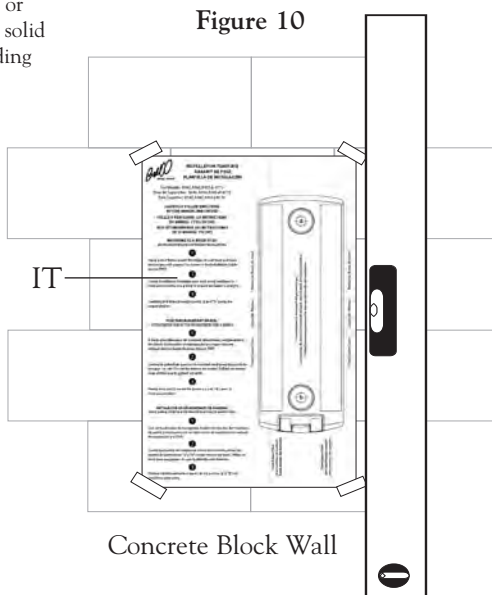
## *When mounting to solid concrete, bricks, or cinder block*

This kit includes the TOGGLER® brand ALLIGATOR® Anchors (U) for mounting in concrete walls, brick, or cinder block. These patented anchors are the finest solid wall anchors on the market and offer excellent holding ability when properly installed.

After you have determined your desired TV location, tape the Installation Template (IT) in place securely on the wall with masking tape.

Use a level to double check that the screw holes line up vertically as shown in Figure 10.

Carefully drill 2 holes using a 5/16" (or 8mm) masonry drill bit in the "a" and "b" locations noted on the installation template. *Each hole should be at least 3" (76mm) deep.*



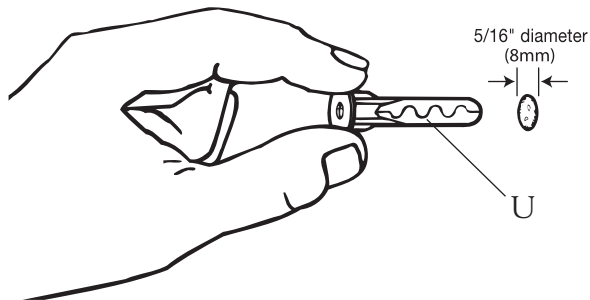
*Do not drill into mortar joints!* Mortar joints are in between the bricks where the cement is. These joints are typically not strong enough to hold heavy loads. You need to drill the holes at least one inch from the joint to provide adequate strength. Use a standard drill with a new masonry drill bit to drill the holes. Do not use a hammer drill because it can damage the hole or break out the back of the concrete wall which will not give adequate support to the anchor.



Because drilling an accurate and clean hole is essential to securing your mount, be sure to use a *new* drill bit. An old drill bit can not only make an uneven hole, it can also break out the back of the concrete block which can diminish the holding ability of the anchor.

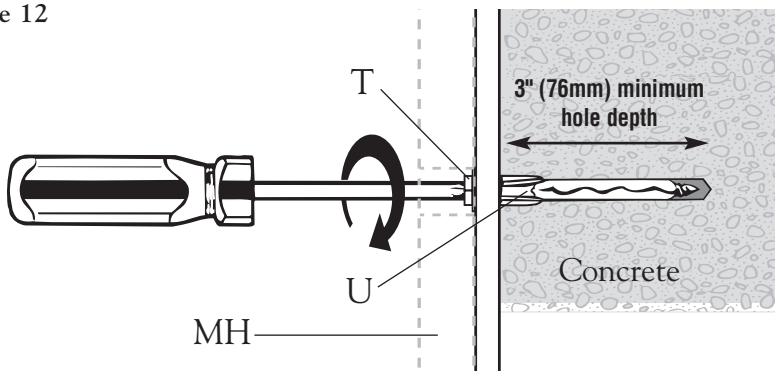
After the holes are drilled, remove the template and place two ALLIGATOR® Anchors (U) into the concrete wall as shown in Figure 11.

**Figure 11**



After you have prepared the two holes for mounting the Monitor Plate Holder (MH), install the monitor plate holder by inserting the two Lag Bolts (T) through the mount and into the holes (see Figures 9 and 12). After checking that the monitor plate holder is level, tighten both lag bolts fully, but be careful not to over-tighten.

**Figure 12**



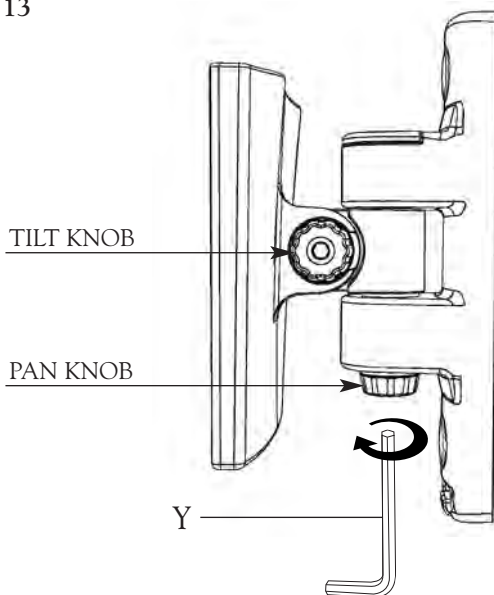


## Step 3: Mounting the TV

### Getting the mount ready for attaching your TV

Tighten the “tilt” and “pan” knobs in the straight position using the supplied Allen key (Y) as shown. This step makes your mount stable and easy to assemble.

Figure 13



### Don't forget those wires!



If your audio, video, and power cables will not be accessible after you mount the TV, you need to make those connections now. Before doing this, however, make sure all TV and component power cords are **not** plugged into any electrical outlets and your audio and video equipment is turned off. Make sure you leave enough slack so you can install the mount without any interference.

## Mounting the TV

When you're ready to put the Monitor Plate (MP) onto the Monitor Plate Holder (MH), get a friend or an assistant to help you lift the TV and guide the monitor plate onto the monitor plate holder as shown in Figure 14.

After you're confident that the TV with the Monitor Plate (MP) is properly seated into the Monitor Plate Holder (MH), you need to tighten the Security Screws (SS) using a Phillips-head screwdriver as shown in Figure 15. Because your TV is already attached to the monitor plate holder, you need to work from *above and behind* the monitor to do this.

Figure 14

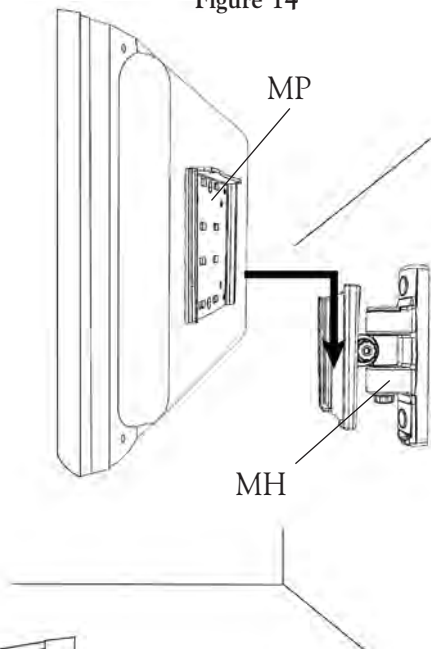
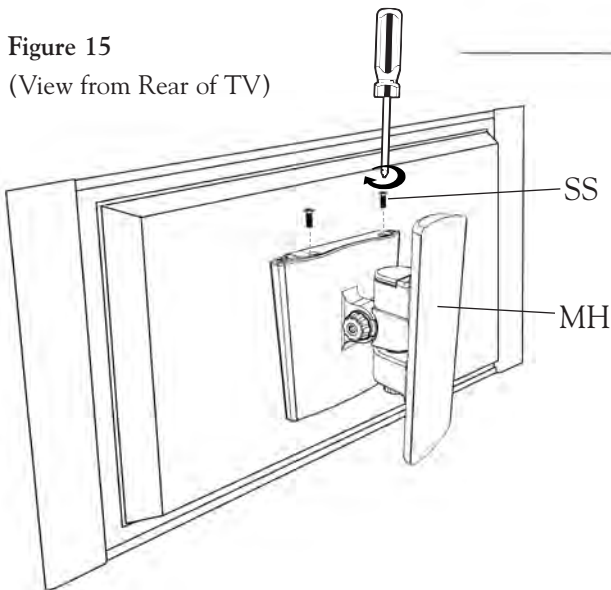


Figure 15  
(View from Rear of TV)



After the TV is installed, *carefully* try to lift it off to make sure it is secure. If it has been correctly installed, the TV should not move.

## Adjusting your mount

After your TV is installed, you can adjust the tilt and horizontal position. The tilt knob carries the weight of the TV and *must* be tightened with the supplied Allen key (Y) after the desired position of the monitor is achieved. Tighten the tilt knob until the TV is firmly locked in position. Refer again to Figure 13 for information on locating each of these knobs.



*Do not loosen the screw on the opposite side (see Figure 16) because it holds the tilt assembly together.*

Figure 16

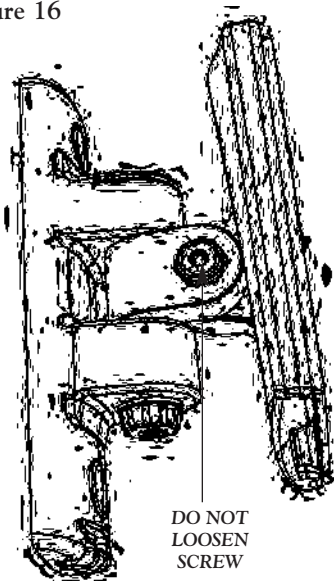
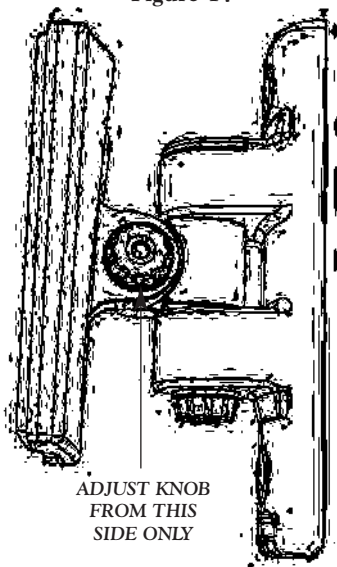


Figure 17

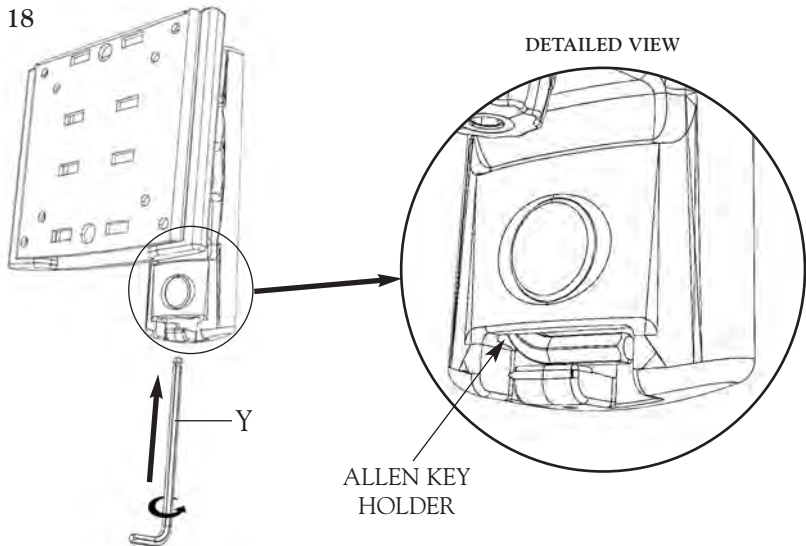


*If you plan to adjust the position of your TV regularly, it is acceptable to tighten the horizontal pan knob by hand (see Figure 17). To keep it in a permanently locked position, however, you need to tighten it with the supplied Allen Key (Y). Under no circumstances should you completely loosen and/or remove any of these knobs.*

## Storing the Allen Key Tool

Don't you hate it when you can't find important tools that came with your product? Not a problem this time — this For Dummies mounting bracket was designed with a special place to hold the Allen Key Tool (Y) vertically in the wall plate, as shown in Figure 18. Insert the Allen key vertically into the wall plate as shown below. Rotate the Allen key to the right to lock it in position. If you need to remove the Allen key, simply rotate out of the locked position using a pen or other pointy object.

Figure 18



## If you need to remove the TV



*Flat screen TVs are very heavy and extremely fragile. Exercise caution when removing the display from the mount to avoid equipment damage or personal injury.*

If your cables are accessible, disconnect all power and A/V cables before removing the display from the Monitor Plate Holder (MH). If cables are not accessible, have an assistant remove the cables as soon as the TV is lifted off the monitor plate holder. Also have the assistant hold the TV as you loosen the Security Screws (SS) from the Monitor Plate (MP) using a Phillips-head screwdriver. Lift the TV straight up until it becomes free from the monitor plate holder.

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Visit [www.BellO.com](http://www.BellO.com) for more information on home theater furniture.

Visit [www.Dummies.com](http://www.Dummies.com) for other great products, books, and free eTips!

Visit [www.Paladin-Tools.com](http://www.Paladin-Tools.com) for information on the Cable & Satellite Installation Kit For Dummies.

## Limited Lifetime Warranty

*[Please note: You are responsible to inspect your mount thoroughly for missing or defective parts immediately after opening the box. To receive replacement or missing part(s) under this Warranty, visit our website at [www.bello.com](http://www.bello.com) or call our Customer Service Department at 1-888-779-7781. Please have the model number, date code, part number(s) and your sales receipt or other proof of purchase available for reference. We will ship you any necessary replacement parts without charge at our expense.]*

This Bell'O International, Corp. ("Bell'O" or "we") mounting product SKU # 8240 or 8190 ("Product") is warranted for the life of the Product only to the original purchaser and limited to the original installation ("Warranty"). Re-installation of the Product in a different location or with a different monitor or peripheral voids this Warranty. This Warranty is only valid in the United States of America.

We warrant to the original purchaser that the Product and all parts and components thereof are free of defects in material and workmanship. "Defects", as used in this Warranty, is defined as any imperfections that impair the use of the Product.

Our Warranty is expressly limited to replacement of mount parts and components. Bell'O will replace any part listed on the enclosed mount parts sheet that is defective in material or workmanship only to the original owner within the limitations stated herein.

This Warranty applies only under conditions of normal use. The Product is not intended for outdoor use. This Warranty does not cover: 1) defects caused by improper installation or disassembly; 2) defects caused by shipping (claims for damage during transit to you should be made immediately by you directly to the transportation company); 3) defects occurring after purchase due to modification, intentional damage, accident, misuse, abuse, negligence, natural disaster, abnormal mechanical or environmental conditions, unauthorized disassembly, repair, modification or exposure to the elements; 4) cosmetic damage and 5) labor or assembly costs.

This Warranty does not apply if the Product has been repackaged or resold as second-hand.

There are no warranties, express or implied, including without limitation merchantability or fitness for particular use, except as (i) contained herein or (ii) required by applicable law in the state whose law governs. The substantive and procedural law of the State of New Jersey shall govern this Warranty, absent controlling law imposing the law of another state in lieu thereof as governing law. New Jersey Superior Court or the United States District Court for the District of New Jersey, as appropriate, shall retain exclusive jurisdiction over enforcement of this Warranty and all subject matter hereof. All warranties of whatsoever derivation shall be limited to the terms set forth herein, unless otherwise required by applicable law.

You shall not rely on manufacturers', employees' or representatives' statements, whether oral or written, which neither modify this Warranty nor are they part of either your purchase contract or this Warranty.

Except as provided herein, Bell'O has no liability or responsibility to you or any other person or entity with respect to any liability, loss or damage caused directly or indirectly by use of the Product, including, but not limited to, any incidental or consequential damages. Some states do not allow limitation on how long an implied warranty can last or the exclusion or limitation of incidental or consequential damages. Therefore, the above limitations and exclusion may not apply to you.

This Warranty covers only repair or replacement for this mount as stated above.

This Warranty gives you specific legal rights. You may also have other rights, which vary from state to state.